



PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>FEE TRANSMITTAL</b> <b>for FY 2003</b> <small>Patent fees are subject to annual revision.</small>		<b>Complete if Known</b>																																																																																																																																																																																																																																											
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	09/554996																																																																																																																																																																																																																																										
		Filing Date	May 24, 2000																																																																																																																																																																																																																																										
		First Named Inventor	Mark T. Keating																																																																																																																																																																																																																																										
		Examiner Name	S. Chen																																																																																																																																																																																																																																										
		Group Art Unit	1632																																																																																																																																																																																																																																										
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) <b>580.00</b>		Attorney Docket No.	HYDR-P01-002																																																																																																																																																																																																																																										
<b>METHOD OF PAYMENT</b> (check all that apply)																																																																																																																																																																																																																																													
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None																																																																																																																																																																																																																																													
<input checked="" type="checkbox"/> Deposit Account																																																																																																																																																																																																																																													
Deposit Account Number: 18-1945																																																																																																																																																																																																																																													
Deposit Account Name: Ropes & Gray LLP																																																																																																																																																																																																																																													
The Commissioner is hereby authorized to: (check all that apply)																																																																																																																																																																																																																																													
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments																																																																																																																																																																																																																																													
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application																																																																																																																																																																																																																																													
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.																																																																																																																																																																																																																																													
<b>FEE CALCULATION</b>		<b>FEE CALCULATION</b> (continued)																																																																																																																																																																																																																																											
<b>1. BASIC FILING FEE</b>		<b>3. ADDITIONAL FEES</b>																																																																																																																																																																																																																																											
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1001</td><td>2001</td><td>750</td><td>375</td><td>Utility filing fee</td><td></td></tr><tr><td>1002</td><td>2002</td><td>330</td><td>165</td><td>Design filing fee</td><td></td></tr><tr><td>1003</td><td>2003</td><td>520</td><td>260</td><td>Plant filing fee</td><td></td></tr><tr><td>1004</td><td>2004</td><td>750</td><td>375</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005</td><td>2005</td><td>160</td><td>80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5" style="text-align: right;"><b>SUBTOTAL (1)</b></td><td>0.00</td></tr></tbody></table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid	1001	2001	750	375	Utility filing fee		1002	2002	330	165	Design filing fee		1003	2003	520	260	Plant filing fee		1004	2004	750	375	Reissue filing fee		1005	2005	160	80	Provisional filing fee		<b>SUBTOTAL (1)</b>					0.00	<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1051</td><td>2051</td><td>130</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052</td><td>2052</td><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>1053</td><td>1053</td><td>130</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr><tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for reply within second month</td><td>205.00</td></tr><tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for reply within third month</td><td></td></tr><tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td></td></tr><tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td></td></tr><tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td></td></tr><tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr><tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For each additional invention to be examined (37CFR 1.129(b))</td><td></td></tr><tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>Request for Continued Examination (RCE)</td><td>375.00</td></tr><tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="5">Other fee (specify)</td><td></td></tr><tr><td colspan="5">*Reduced by Basic Filing Fee Paid</td><td></td></tr><tr><td colspan="5" style="text-align: right;"><b>SUBTOTAL (3)</b></td><td>580.00</td></tr></tbody></table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid	1051	2051	130	65	Surcharge - late filing fee or oath		1052	2052	50	25	Surcharge - late provisional filing fee or cover sheet		1053	1053	130	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	410	2252	205	Extension for reply within second month	205.00	1253	930	2253	465	Extension for reply within third month		1254	1,450	2254	725	Extension for reply within fourth month		1255	1,970	2255	985	Extension for reply within fifth month		1401	320	2401	160	Notice of Appeal		1402	320	2402	160	Filing a brief in support of an appeal		1403	280	2403	140	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,300	2453	650	Petition to revive - unintentional		1501	1,300	2501	650	Utility issue fee (or reissue)		1502	470	2502	235	Design issue fee		1503	630	2503	315	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))		1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))		1801	750	2801	375	Request for Continued Examination (RCE)	375.00	1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify)						*Reduced by Basic Filing Fee Paid						<b>SUBTOTAL (3)</b>					580.00
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																								
1001	2001	750	375	Utility filing fee																																																																																																																																																																																																																																									
1002	2002	330	165	Design filing fee																																																																																																																																																																																																																																									
1003	2003	520	260	Plant filing fee																																																																																																																																																																																																																																									
1004	2004	750	375	Reissue filing fee																																																																																																																																																																																																																																									
1005	2005	160	80	Provisional filing fee																																																																																																																																																																																																																																									
<b>SUBTOTAL (1)</b>					0.00																																																																																																																																																																																																																																								
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																								
1051	2051	130	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																									
1052	2052	50	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																									
1053	1053	130	130	Non-English specification																																																																																																																																																																																																																																									
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																																																																																																									
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																									
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																									
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																																																									
1252	410	2252	205	Extension for reply within second month	205.00																																																																																																																																																																																																																																								
1253	930	2253	465	Extension for reply within third month																																																																																																																																																																																																																																									
1254	1,450	2254	725	Extension for reply within fourth month																																																																																																																																																																																																																																									
1255	1,970	2255	985	Extension for reply within fifth month																																																																																																																																																																																																																																									
1401	320	2401	160	Notice of Appeal																																																																																																																																																																																																																																									
1402	320	2402	160	Filing a brief in support of an appeal																																																																																																																																																																																																																																									
1403	280	2403	140	Request for oral hearing																																																																																																																																																																																																																																									
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																									
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																																									
1453	1,300	2453	650	Petition to revive - unintentional																																																																																																																																																																																																																																									
1501	1,300	2501	650	Utility issue fee (or reissue)																																																																																																																																																																																																																																									
1502	470	2502	235	Design issue fee																																																																																																																																																																																																																																									
1503	630	2503	315	Plant issue fee																																																																																																																																																																																																																																									
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																																									
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																																									
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																									
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																									
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																									
1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))																																																																																																																																																																																																																																									
1801	750	2801	375	Request for Continued Examination (RCE)	375.00																																																																																																																																																																																																																																								
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																									
Other fee (specify)																																																																																																																																																																																																																																													
*Reduced by Basic Filing Fee Paid																																																																																																																																																																																																																																													
<b>SUBTOTAL (3)</b>					580.00																																																																																																																																																																																																																																								

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	David P. Halstead	Registration No. (Attorney/Agent)	44,735
Signature		Telephone	(617) 951-7615
		Date	July 14, 2003

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 14, 2003 Signature: (Brent S. LaBarge)